

WHAT IS CLAIMED IS:

1. A non-Division 5.1 Oxidizer tablet consisting essentially of a blend of hydrated calcium hypochlorite with magnesium sulfate heptahydrate, wherein the blend contains
5 at least about 17% by weight of water based on the total weight of the blend; contains from about 0.1% to about 10% of lime based on the total weight of the hydrated calcium hypochlorite and magnesium sulfate heptahydrate and the average dissolving rate of the tablet is less than 150 grams per day.
- 10 2. The tablet of claim 1 wherein the composition contains at least 25% by weight of magnesium sulfate heptahydrate and less than about 75% by weight of hydrated calcium hypochlorite.
3. The tablet of claim 1 wherein the composition contains about 25% to about 40%
15 by weight of magnesium sulfate heptahydrate and about 60% to about 75% of hydrated calcium hypochlorite.
4. The tablet of claim 1 wherein the amount of water in the composition is from about 18% to about 24% by weight of the composition.
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5. The tablet of claim 1 wherein the tablet contains from about 0.5% to about 3% by weight of lime, said percentage based on the combined weight of the hydrated calcium hypochlorite and magnesium sulfate heptahydrate.
- 25 6. The tablet of claim 1 wherein the tablet contains about 1% to about 2% by weight of lime, said percentage based on the combined weight of the hydrated weight of the hydrated calcium hypochlorite and magnesium sulfate heptahydrate.
7. The tablet of claim 1 wherein the average dissolving rate is less than about 100
30 grams per day.
8. A non-Division 5.1 Oxidizer tablet consisting of a blend of hydrated calcium hypochlorite with magnesium sulfate heptahydrate, wherein the blend contains at least

17% by weight of water based on the total weight of the blend; contains from about 0.1 to about 10% of lime based on the total weight of the hydrated calcium hypochlorate and magnesium sulfate heptahydrate and the average dissolving rate of the blend is less than 150 grams per day.

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9. The tablet of claim 8 wherein the composition contains at least 25% by weight of magnesium sulfate heptahydrate and less than about 75% by weight of hydrated calcium hypochlorite.

10 10. The tablet of claim 9 wherein the composition contains about 25% to about 40% by weight of magnesium sulfate heptahydrate and about 60% to about 75% of hydrated calcium hypochlorite.

11. The tablet of claim 10 wherein the amount of water in the composition is about
15 18% to about 24% by weight of the composition.

12. The tablet of claim 11 wherein the average dissolving rate is less than 100 grams per day.

20 13. The tablet of claim 12 wherein the tablet contains from about 0.5% to about 3% by weight of lime, said percentage based on the combined weight of the hydrated calcium hypochlorite and magnesium sulfate heptahydrate.

14. The tablet of claim 12 wherein the tablet contains about 1% to about 2% by
25 weight of lime, said percentage based on the combined weight of the hydrated weight of the hydrated calcium hypochlorite and magnesium sulfate heptahydrate.